



## SEQUENCE LISTING

<110> Contreras, Roland  
Callewaert, Nico L. M.  
Vervecken, Wouter  
Kaigorodov, Vladimir

<120> MODIFICATION OF PROTEIN GLYCOSYLATION IN METHYLOTROPHIC YEAST

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<141> 2003-11-14

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<170> PatentIn version 3.2

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Ser Ile Ser Pro Glu Gln Gln Val Ile Ser Glu Glu Asn Asp Ala Lys  
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Lys Leu Glu Gln Ser Ala Leu Asn Ser Glu Ala Ser Glu Asp Ser Glu  
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Ala Met Asp Glu Glu Ser Lys Ala Leu Lys Ala Ala Ala Glu Lys Ala  
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Asp Ala Pro Ile Asp Thr Lys Thr Thr Met Asp Tyr Ile Thr Pro Ser  
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Phe Ala Asn Lys Ala Gly Lys Pro Lys Ala Cys Tyr Val Thr Leu Val  
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Thr Lys Tyr Ile Tyr Gly Gly Ser Glu Ser Tyr Arg His Met Cys Arg  
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Tyr Gln Ser Gly Phe Phe Trp Arg His Glu Leu Leu Glu Glu Tyr Asp  
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Trp Tyr Trp Arg Val Glu Pro Asp Ile Lys Leu Tyr Cys Asp Ile Asn  
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Tyr Asp Val Phe Lys Trp Met Gln Glu Asn Glu Lys Val Tyr Gly Phe  
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Thr Val Ser Ile His Glu Tyr Glu Val Thr Ile Pro Thr Leu Trp Gln  
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Thr Ser Met Asp Phe Ile Lys Lys Asn Pro Glu Tyr Leu Asp Glu Asn



290

295

300

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Cys His Phe Trp Ser Asn Phe Glu Ile Ala Asn Leu Asn Leu Trp Arg  
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Ser Pro Ala Tyr Arg Glu Tyr Phe Asp Thr Leu Asp His Gln Gly Gly  
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Ala Leu Phe Leu Pro Lys Asp Lys Ile His Tyr Phe Ser Asp Ile Gly  
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Tyr His His Pro Pro Tyr Asp Asn Cys Pro Leu Asp Lys Glu Val Tyr  
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Gly Ser Ile Ser Pro Glu Gln Gln Val Ile Ser Glu Glu Asn Asp Ala

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Lys Lys Leu Glu Gln Ser Ala Leu Asn Ser Glu Ala Ser Glu Asp Ser  
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Ala Pro Gly Arg Pro Pro Ser Val Ser Ala Leu Asp Gly Asp Pro Ala  
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Ser Leu Thr Arg Glu Val Ile Arg Leu Ala Gln Asp Ala Glu Val Glu  
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Ser Gln Arg Gly Arg Val Pro Thr Ala Ala Pro Pro Ala Gln Pro Arg  
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Val Pro Val Thr Pro Ala Pro Ala Val Ile Pro Ile Leu Val Ile Ala  
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Cys Asp Arg Ser Thr Val Arg Arg Cys Leu Asp Lys Leu Leu His Tyr  
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Arg Pro Ser Ala Glu Leu Phe Pro Ile Ile Val Ser Gln Asp Cys Gly  
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His Ile Arg Gln Pro Asp Leu Ser Ser Ile Ala Val Pro Pro Asp His  
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Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr Phe Arg Ala  
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Thr Tyr Pro Leu Leu Lys Ala Asp Pro Ser Leu Trp Cys Val Ser Ala  
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Trp Asn Asp Asn Gly Lys Glu Gln Met Val Asp Ala Ser Arg Pro Glu  
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Leu Leu Tyr Arg Thr Asp Phe Phe Pro Gly Leu Gly Trp Leu Leu Leu  
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Ala Glu Leu Trp Ala Glu Leu Glu Pro Lys Trp Pro Lys Ala Phe Trp  
275 280 285

Asp Asp Trp Met Arg Arg Pro Glu Gln Arg Gln Gly Arg Ala Cys Ile  
290 295 300

Arg Pro Glu Ile Ser Arg Thr Met Thr Phe Gly Arg Lys Gly Val Ser  
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His Gly Gln Phe Phe Asp Gln His Leu Lys Phe Ile Lys Leu Asn Gln  
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Gln Phe Val His Phe Thr Gln Leu Asp Leu Ser Tyr Leu Gln Arg Glu  
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Ser Ala Ala Ala Ile Gly Gln Ser Ser Gly Glu Leu Arg Thr Gly Gly  
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370 375 380

Leu Tyr Thr Gln Ile Thr Val Asp Ile Gly Thr Pro Ser  
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